Please amend the application as indicated hereafter.

Listing of Claims

1. (Currently amended) A network load testing system comprising:

an addressable named list means to enable the generation of substantially random and unique network transaction instances comprising multiple named lists, each list having at least one variable attribute simulative of real network traffic patterns, the substantially random and unique network transaction instances generated by incrementing at least one uniquely variable transaction instance, each instance associated with a unique user class population,

addressing means operable to address the named list means, and

generating means, operable to communicate with the addressing means, for generating the substantially random and unique network transaction instances simulative of real network traffic patterns.

2. (Currently amended) A network load testing system comprising:

means to enable the generation of substantially random and unique attributes to vary a population of synthetic user attributes, wherein the substantially random and unique attributes comprise multiple named lists, each list having at least one variable attribute.

3. (Original) The network load testing system of claim 2 wherein:

the synthetic user attributes include any of URLS, hosts, security levels, authentication, ports, and headers.

4. (Original) A network load testing system according to claim 1, further comprising:

means to enable the generation of substantially unique but substantially predictable synthetic user attributes for introducing variation into ones of a series of instances.

5. (Original) A network load testing system accordingly to claim 1, further comprising:

means for generating network transaction instances in accordance with a distribution that is substantially random but representative of realistic population loads.

6. (Currently amended) A network load testing system comprising:

means for generating synthetic transaction instances, simulative of the network load presented by real users, in accordance with a test plan containing multiple population classes the synthetic transaction instances comprising multiple named lists, each list having at least one variable attribute, and wherein:

each of the population classes contains attributes that describe the behavior of each instance generated in association with the group.

7. (Original) A network load testing system according to claim 6 further comprising:

a network testing resource application for generating, based on the test plan and the attributes contained in the population classes therein, a series of instances and a selected network protocol representative of an actual load.